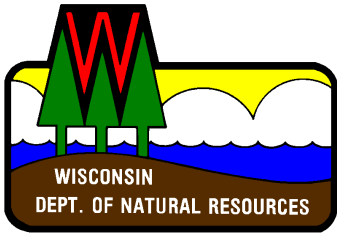


# Voluntary NO<sub>x</sub> Reduction Program

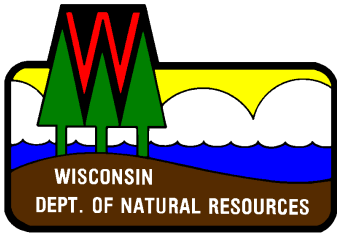


# Voluntary NO<sub>x</sub> Reduction Program

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## ◆ What Is It?

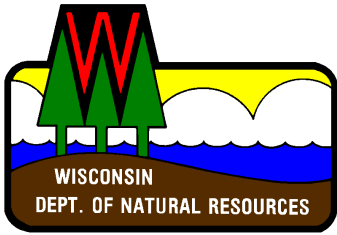
- ◆ Program to gain voluntary reduction of NO<sub>x</sub> emissions from point, mobile and area sources.
- ◆ The program is in the initial planning stage.
- ◆ Planning Group



# Why Is NO<sub>x</sub> Important?

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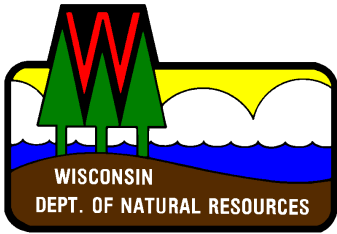
- ◆ NO and NO<sub>2</sub>
  - ◆ Ozone
  - ◆ PM<sub>2.5</sub>
  - ◆ Visibility
- ◆ N<sub>2</sub>O
  - ◆ Greenhouse Gas
  - ◆ Stratospheric Ozone Depletion



# Why Is NO<sub>x</sub> Important?

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- ◆ HNO<sub>3</sub>
  - ◆ Acid Rain
  - ◆ Hazardous Air Pollutant

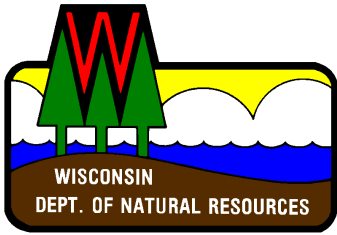


# Voluntary NO<sub>x</sub> Reduction Program

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## ◆ Planning Group

- ◆ DNR, DOA, Commerce
- ◆ WMC
- ◆ Delta Institute
- ◆ UW Extension
- ◆ Utilities - Gas and Electric
- ◆ Energy Center of Wisconsin
- ◆ Transportation Builders
- ◆ CIBO

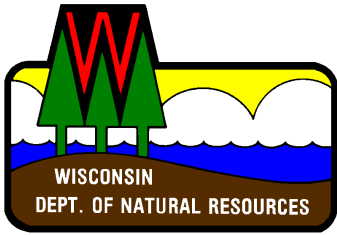


# Voluntary NOx Reduction Program

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## ◆ Phased Approach

- ◆ Phase 1 - Large Stationary Fuel Burning Equip.
- ◆ Phase 2 - Demand-side Management, Renewables, Motor Vehicles, etc.

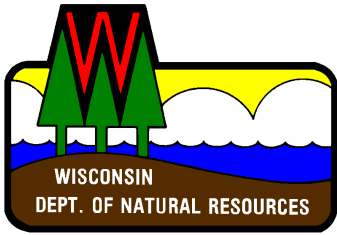


# Voluntary NOx Reduction Program

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## ◆ Phase 1

- ◆ Reduce NOx and Improve Efficiency
- ◆ Combustion Side
- ◆ Steam Side



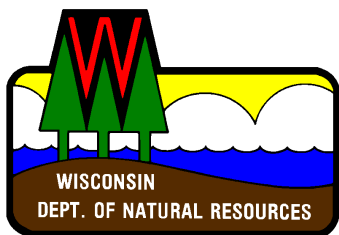
# Voluntary NO<sub>x</sub> Reduction Program

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## ◆ Program Outcomes

- ◆ Sponsor Combustion Optimization Workshops
- ◆ Education - Stakeholders and Ourselves
- ◆ Pilot Projects
- ◆ Possibly Fund Reduction Projects
- ◆ Permanent and Quantifiable Emission Reductions
- ◆ Recognize Emission Reductions in Registry





# Voluntary Emission Reduction Program Coordination

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- ◆ Internal Air Program Coordination
- ◆ Gain Efficiency - DNR and Stakeholders
- ◆ Resource Center
  - ◆ Support Air Quality Related Voluntary Programs
  - ◆ Coordinate with Other Agencies or DNR Programs
- ◆ Outreach